CLAIMS

1. A protein selected from the following group of A, B, C and D;

(A)a protein comprising the amino acid sequence shown in SEQUENCE No. 1,

(B) a protein comprising the amino acid sequence shown in SEQUENCE No.1 deleted, substituted or added at least one amino acid residue, and having ability to transport organic anions,

(C) a protein comprising the amino acid sequence shown in SEQUENCE No. 2, and

(D) a protein comprising the amino acid sequence shown in SEQUENCE No.2 deleted, substituted or added at least one amino acid residue, and having ability to transport organic.

2. The proteins according to claim 1, wherein said protein is derived from human.

3. The proteins according to claim 1, wherein said protein is derived from rats.

4. The protein according to claim 1, wherein said protein is derived from the kidney

5. An isolated gene encoding the protein according to claim 1.

6. An isolated gene selected from the following group of a, b, c and d;

(a) a DNA comprising nucleotide sequence shown in SEQUENCE No. 1,

(b) a DNA being able to hybridize with DNA shown in SEQUENCE No. 1 in stringent condition and encoding a protein with ability to transport organic anion,

(c) a DNA comprising nucleotide sequence shown in SEQUENCE No. 2, and

(d) a DNA being able to hybridize with DNA shown in SEQUENCE No. 2 in stringent condition and encoding a protein with ability to transport organic anion.

7. The gene according to claim 6, wherein said protein is derived from human

8. The gene according to claim 6, wherein said protein is derived from rats.

9. The gene according to claim 6, wherein said protein is derived from the kidney

10. A plasmid containing regions encoding the gene according to claims 5-9 or regions encoding the protein in said gene.

11. The plasmid according to claim 10 is expressed plasmid.

12. A host cell transformed with the plasmid according to claim 10.

13. A nucleotide comprising the partial sequence comprised of continuous at least 14 bases shown in SEQUENCES Nos. 1and 2 or complementary thereof.

14. The nucleotide according to claim 13, wherein said nucleotide is used as a probe to detect the DNA encoding protein with ability to transport organic anions.

15. The nucleotide according to claim 13, wherein is said nucleotide is used to regulate an expression of proteins with ability to transport organic anions.

16. An antibody for the protein according to claims 1 to 4.

17. Method for screening the substrate effect of tested compound to ability of the transport of organic anions with the protein according to claims 1 to 4.

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